

PTO/SB/08A (08-03)
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Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/789,493			
Filing Date	02-27-2004			
First Named Inventor	LEONHARTSBERGER			
Art Unit	1652			
Examiner Name	Delia Raminer LEONHARTSBERGER			
Attorney Docket Number	LEONHARTSBERGER			

				DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (Filmount)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TOL		^{US-} 4,562,149	12-31-1985	Shiozaki et al.	
m		US- 2003/0022322-A1	01-30-2003	DeHoff et al.	
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		FORE	IGN PATENT DOCU	IMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		Country Code ³ Number ⁴ 'Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	
m		WO-03/008591-A1	01-30-2003	Bio Holdings Co.		<u> </u>
		GB-1 436 509	05-19-1976	Ajinomoto Co.		
		JP-2000-139471-A	05-23-2000	Ajinomoto Co.		
		DE-102 49 642-A	. 05-13-2004	Consortium		
		DE-102 47 437-A	04-29-2004	Consortium		Ŀ
Du.	1	EP-0 647 712-A1	04-12-1995	Boehringer Ingelheim		

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Examiner Signature	B	Date Considered	3/6/07

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the appropriate symbols as indicated on the document under WiPO Standard S1.16 if possible. Appaicant is to place a creek mark note a trigular targety of the possible of information is required by 37 CFR 1.97 and 1.99. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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				Application Number	10/789,493	
INF	ORMATION	DIS	CLOSURE	Filing Date	02-27-2004	
STATEMENT BY APPLICANT				First Named Inventor	LEONHARTSBERGER	
				Art Unit	1652	
(Use as many sheets as necessary)			ecessary)	Examiner Name	Delia Raminez	
Sheet	2	of	3	Attorney Docket Number	LEONHARTSBERGER	

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue	T ²
initials.		number(s), publisher, city and/or country where published.	
m		SCHLENK ET AL., DEPALMA ET AL.: "The formation of S-Adenosylmethionine in Yeast", J. Biol. Chem., 1957, Pages 1037 - 1050.	
		SHIOZAKI ET AL.: "S-Adenosyl-L-methionine Production by Saccharomyces sake: Optimization of the Culture Conditions for the Production of Cells with a High S-Adenosyl-L-methionine Content", Agric. Biol. Chem., 1989, Pages 3269 - 3274, Vol. 53, No. 12.	
		GREENE ET AL.: "Biosynthesis of Methionine" in: Neidhardt F.C., "Escherichia coli and Salmonella typhimurium, Cellular and Molecular Biology", ASM Press, 1996, Pages 542 - 560, 2nd Edition, Washington D.C.	
		MARKHAM ET AL.: "S-Adenosylmethionine Synthetase from Escherichia coli", Journal of Biological Chemistry, 1980, Pages 9082 - 9092, Vol. 255, No. 19.	
		PARK ET AL.: "Enzymatic Synthesis of S-Adenosyl-L-methlonine on the Preparative Scale", Bioorganic & Medicinal Chemistry, 1996, Pages 2179 - 2185, Vol. 4, No. 12.	
	`	LU ET AL., MARKHAM ET AL.: The Journal of Biological Chemistry, 2002, Pages 16624 - 16631, Vol. 277, No. 19.	
		MATO ET AL.: "S-Adenosylmethionine Synthesis: Molecular Mechanisms and Clinical Implications", Pharmocol. Ther., 1997, Pages 265 - 280, Vol. 73, No. 3.	
		ODEN ET AL., CLARKE ET AL.: "S-Adenosyl-L-methionine Synthetase from Human Erythrocytes: Role in the Regulation of Cellular S-Adenosylmethionine Levels", Blochemistry, 1983, Pages 2978 - 2986, Vol. 22.	
		ALVAREZ ET AL.: "Expression of rat liver S-adenosylmethlonine synthetase in Escherichia coli results in two active oligomeric forms", Biochem. J., 1994, Pages 557 - 561.	
W.		FÜRSTE ET AL.: "Molecular cloning of the plasmid RP4 primase region in a multi-host-range tacP expression vector", Gene, 1986, Pages 119 - 131, Vol. 48.	-

Examiner Signature Date Considered 3 6 0 7	
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Substitute for form 144	W/P10		Application Number	10/789,493	
INFORMAT	ION DIS	CLOSURE	Filing Date	02-27-2004	
		PPLICANT	First Named Inventor	LEONHARTSBERGER	
			Art Unit	1652	
(Use as many sheets as necessary)			Examiner Name	Delia Raminez	
Sheet 3	of	3	Attorney Docket Number	LEONHARTSBERGER	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
m		Derwent abstract corresponding to DE 102 49 642.	
M		Derwent abstract corresponding to DE 102 47 437.	
m		Derwent abstract corresponding to JP 2000-139471.	
		Chemical Abstracts 138: 281907.	
:		Chemical Abstracts 138: 286121.	
		Chemical Abstracts 135: 287538.	

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Sheet 1

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Complete if Known					
Application Number	10/789,493				
Filing Date	02-27-2004				
First Named Inventor	LEONHARTSBERGER				
Art Unit	1652				
Examiner Name	Delia Ramitez				
Attorney Docket Number	LEONHARTSBERGER				

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Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (Flavore)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
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Initials*	No.1	Country Code ² Number ⁴ Kind Code ⁸ (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages Or Relevant Figures Appear	Т
M		EP-0 647 712-A1	04-12-1995	Boehringer Ingelhelm		
m		JP-63-279798	11-16-1988	Kyowa Hakko Kogyo	,	L
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Substitute for form 14-	48/P1U	•	Application Number	10/789,493	
INFORMAT	TION DIS	CLOSURE	Filing Date	02-27-2004	_
		PPLICANT	First Named Inventor	LEONHARTSBERGER	
			Art Unit	1652	
(Use as many sheets as necessary)			Examiner Name	Delia Raminez	
Sheet 2	of	2	Attorney Docket Number	LEONHARTSBERGER	7

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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